27 April 1976

MEMORANDUM FOR THE RECORD

SUBJECT: Meeting of the OC ADP Committee

1. An unscheduled meeting of the OC ADP Committee was
called by the Chairman for Wednesday, 14 April at 1300 hours
in the OC Conference Room. The purpose of the meeting was to
consider a study and proposal by the Communications Security
Staff to upgrade the cryptographic accounting system ADP
equipment used by the COMSEC Staff. [   ] presented   STAT
the case for upgrading and was assisted by [   ]   STAT
in the presentation. Members and alternates present at the
meeting were as follows:

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[   ] rman

2. The current ADP system used by cryptographic accounting
is the IBM System III Model 10. This system utilizes punched
card input and a single 300 line per minute printer output.
Storage of the cards requires six 8-drawer safes and there is no
facility for remote duplicate storage of the cards. The system
is limited to 8 kilobits of core and is six years old. Two full
man years are required for operation of the system and multiple
sorts of the card deck are required to produce the numerous
management and operational reports.

3. The proposed new system is an IBM System III Model 4.
Input to the system includes options of CRT Keyboard from various
remote locations including a console on-line and off-line diskette
teletype tape from field reports or magnetic tapes available from
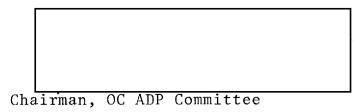NSA with transfer reports. The system contains 64 kilobits of

core. Storage media includes magnetic tape and floppy discs.
Storage would require only part of a single safe and duplicate
copies of either the magnetic tape or the floppy disc could be
stored at a remote location for continuity in the event of an
emergency. The system is capable of accommodating simultaneous
multiple input/output and production of reports.

4. Over a five year period the proposed new system would
cost slightly more for hardware/software than the various options
for upgrading the existing system. Advantages of the new system
include increased speed, flexibility, usability and saving of
one man year per year after the initial two year conversion.

5. After a brief period of discussion, the committee voted
unanimously to support adoption of the recommendation for up-
grading the ADP involved in the cryptographic accounting system.

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Chairman, OC ADP Committee

1 Cy Each Committee Member